Technical Report No. 72

INDEX TO TECHNICAL REPORTS 1-66

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ABSTRACT

There are four parts to this index: author, subject, taxonomic, and site. Cross-references are made within an index and between indexes. Each citation gives the topic, followed by the relevant technical report (TR) number. The TR number is followed by page numbers. When the entire TR is about a specific topic, no page numbers are given.

Table 6.2 from Mueller-Dombois and Bridges (TR 66) is included as an adjunct to the site index.

Technical reports 1 to 66 cover the period from December 1970 through June 1975.

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TABLE 6.2. General site comparisons. The numbers for each investigator refer to his site sampling scheme. Sampling sites falling on the transect are aggregated at the nearest IBP focal sites. Specific qualifications are given in the chapters discussing each investigator's results. (Reproduced from Mueller-Dombois and Bridges TR 66.)

			INVESTIGATORS AND ORGANISM GROUPS																
IBP FOCAL SITE	SITE NAME	ELEVATION FEET (M)	BAKER, leaf and litter fungi	BEARDSLEY, sap-sucking insects	CONANT, birds	DOTY, soil algae	GAGNÉ, canopy insects	HARDY, litter insects	LAMOUREUX, tree phenology	MITCHELL, blossom-feeding insects	MUELLER-DOMBOIS, SPATZ vascular plants	NISHIDA, tree insects	PAIK, Drosophila	RADOVSKY, soil arthropods, ectoparasites	SAMUELSON, wood and bark beetles	STEFFAN, Sciaridae	STONER, soil fungi	TOMICH, rodents
1	THURSTON	3920(1190)			1	18	1	3	7		1	2		18	✓	1	2	6
2	SULPHUR BANK	4000(1220)					2	4	6		2	3	1		✓		3	5,16
3	TREE MOLDS	4000(1220)		3	3	11,12	3	5	5	3	3		2	10,11,12	✓	3	4	
4	KIPUKA KI	4200(1280)	4		4	8,9,16	4	6,7			4		3	8,9,16	✓	4	5,6	4,15
5	POWERLINE	4920(1500)			5	20		8			5			20	✓	5	7,8	3
6	CLIMATE STA	5250(1600)	3			6	6	9	3		6		4	6,7	✓	6	9	
7	KEAMOKU	5650(1720)		7	7	25				7	7		5		✓	7	10	
8	GOAT EXCL	6200(1890)						10	2		8		6	5	✓	8	11	2
9	END STRIP RD	6650(2030)		9	9	4	9	11	1	9	9		7	4	✓	9	12	
10	7000'	7000(2130)	2	10		3	10	12		10	10	4	8	3	✓	10	13	1
11	7500'	7500(2290)				29		13			11		9	2	✓	11	14	
12	8000'	8000(2440)	1	12	12	1	12	14,15		12	12		10	1	✓	12	15	10,13
13	9000'	9000(2740)				31		16,17			13				✓		16	11,12
14	10000'	10000(3050)				33		18			14				✓		17	14

No. 41 Shade adaptation of the Hawaiian tree-fern (Cibotium glaucum (Sm.) H. & A.). D. J. C. Friend. June 1974. 39 p.

No. 42 The roles of fungi in Hawaiian Island ecosystems. I. Fungal communities associated with leaf surfaces of three endemic vascular plants in Kilauea Forest Reserve and Hawaii Volcanoes National Park, Hawaii. Gladys E. Baker, Paul H. Dunn and William A. Sakai. July 1974. 46 p.

No. 43 The cavernicolous fauna of Hawaiian lava tubes, Part VII. Emesinae or thread-legged bugs (Heteroptera: Redvuiidae). Wayne C. Gagné and Francis G. Howarth. July 1974. 18 p.

No. 44 Stand structure of a montane rain forest on Mauna Loa, Hawaii. Ranjit G. Cooray. August 1974. 98 p.

No. 45 Genetic variability in the Kilauea Forest population of Drosophila silvestris. E. M. Craddock and W. E. Johnson. September 1974. 39 p.

No. 46 Linnet breeding biology on Hawaii. Charles van Riper III. October 1974. 19 p.

No. 47 The nesting biology of the House Finch, Carpodacus mexicanus frontalis (Say), in Honolulu, Hawaii. Lawrence T. Hirai. November 1974. 105 p.

No. 48 A vegetational description of the IBP small mammal trapline transects - Mauna Loa Transect. James D. Jacobi. November 1974. 19 p.

No. 49 Vegetation types: a consideration of available methods and their suitability for various purposes. Dieter Mueller-Dombois and Heinz Ellenberg. November 1974. 47 p.

No. 50 Genetic structure and variability in two species of endemic Hawaiian Drosophila. William W. M. Steiner and Hampton L. Carson. December 1974. 66 p.

No. 51 Composition and phenology of the dry forest of Mauna Kea, Hawaii, as related to the annual cycle of the Amakihi (Loxops virens) and Palila (Psittirostra bailleui). Charles van Riper III. January 1975. 37 p.

No. 52 Environment-enzyme polymorphism relationships in two Hawaiian Drosophila species. W. W. M. Steiner. January 1975. 28 p.

No. 53 A review of the Hawaiian Coccinellidae. John R. Leeper. February 1975. 54 p.

No. 54 Integrated island ecosystem ecology in Hawaii - Introductory Survey. Part I of proposed synthesis volume for US/IBP series. Dieter Mueller-Dombois. February 1975. 46 p.

No. 55 Soil algal relationships to Onychiurus folsomi, a minute arthropod. Linda-Lee McGurk. March 1975. 66 p.

No. 56 Cytogenetics of the Hawaiian Telmatogeton (Diptera). Lester J. Newman. March 1975. 23 p.

No. 57 Electrophoretic variability in island populations of Drosophila simulans and Drosophila immigrans. William W. M. Steiner, Ki Chang Sung and Y. K. Paik. March 1975. 20 p.

No. 58 Acari on murine rodents along an altitudinal transect on Mauna Loa, Hawaii. Frank J. Radovsky, JoAnn M. Tenorio, P. Quentin Tomich, and James D. Jacobi. April 1975. 11 p.

No. 59 Climate data for the IBP sites on Mauna Loa, Hawaii. Kent W. Bridges and G. Virginia Carey. April 1975. 90 p.

No. 60 Oxygen consumption, evaporative water loss and body temperature in the Sooty Tern, Sterna fuscata. Richard E. MacMillen, G. Causey Whittow, Ernest A. Christopher and Roy J. Ebisu. April 1975. 15 p.

No. 61 Threshold model of feeding territoriality: a test with an Hawaiian honeycreeper. F. L. Carpenter and R. E. MacMillen. April 1975. 11 p.

No. 62 Parasites of the Hawaii Amakihi (Loxops virens virens). Charles van Riper III. April 1975. 25 p.

No. 63 Pollination energetics and foraging strategies in a Metrosideros-honeycreeper association. F. Lynn Carpenter and Richard E. MacMillen. May 1975. 8 p.

No. 64 Seasonal abundances of the mamane moth, its nuclear polyhedrosis virus, and its parasites. Michael Conant. May 1975. 34 p.

No. 65 Temporal pattern of gene arrangement frequency in altitudinal populations of Drosophila immigrans on Mauna Loa, Hawaii. Y. K. Paik and K. C. Sung. May 1975. 14 p.

No. 66 Integrated island ecosystem ecology in Hawaii. Spatial distribution of island biota, Introduction. Part II, Chapter 6 of proposed synthesis volume for US/IBP series. Dieter Mueller-Dombois and Kent W. Bridges. June 1975. 52 p.

No. 67 User oriented statistical analysis programs: a brief guide. Kent W. Bridges. July 1975. 37 p.

No. 68 Systematic patterns of foraging for nectar by Amakihi (Loxops virens). Alan C. Kamil. July 1975. 17 p.

No. 69 The Island Ecosystems Data Bank. Kent W. Bridges and G. Virginia Carey. August 1975. 15 p.

No. 70 Climate data for the IBP sites on Mauna Loa, Hawaii. Kent W. Bridges and G. Virginia Carey. August 1975. 55 p.

No. 71 Evolution of the endemic Hawaiian cerambycid-beetles. J. L. Gressitt. August 1975. 46 p.

No. 72 Index to Technical Reports 1-66. Winifred Y. Yamashiro. August 1975. 50 p.